Claims

What is claimed is:

1. A transition section for a forward end of a threshing region of an agricultural combine, for receiving crop material feed into the threshing region, comprising:

a metal sheet spin formed so as to have a smooth frusto-conical shape inner surface portion extending convergingly toward the forward end of the threshing region.

2. The transition section of claim 1 wherein the inner surface portion is seamless.

3. The transition section of claim 1 further comprising an outwardly extending annular lip around a larger forward end of the transition section.

4. The transition section of claim 1 wherein the metal sheet has a thickness of at least about 4 millimeters.

5. In an agricultural combine, in combination, an elongate generally cylindrical rotor casing defining a forward threshing region, the forward threshing region being provided with a funnel-like transition section for endwise reception of crop material, and a rotor disposed within said casing in substantially coaxial relationship and substantially coextensive therewith for rotation therein, an improvement comprising the transition section being spin formed from a metal sheet.

6. In the agricultural combine of claim 5, the improvement further comprising the transition section having a seamless frusto-conical inner surface.

7. In the agricultural combine of claim 6, the frusto-conical transition section including an integrally formed radially outwardly extending rim around a forward end thereof.

8. A transition section for a forward end of a threshing section of an agricultural combine, for receiving crop material fed into the threshing section, the transition section being formed by a process comprising a step of spin forming a single metal sheet so as to have a frusto-conical shape inner surface portion.

9. The transition section of claim 8 wherein the inner surface portion is continuous and seamless circumferentially therearound.